

## FLOOR CARPET FOR AUTOMOBILE

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### Abstract

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**PURPOSE:**To improve productivity and provide a low cost carpet for an automobile which is superior in its sound insulating property and fitness by preventing the seepage of a solution to the surface, which is liable to occur at the time when urethane is poured into a mold to foam in the underside of a molded carpet, by means of a simpler backing structure of an base material of the carpet then a conventional method.

**CONSTITUTION:**The underside of a fiber layer 1 is coated with a sound insulating resin layer 2 having a weight 1 to 4kg/m<sup>2</sup> and containing 30 to 80 wt.% of a filler, the outside of the sound insulation resin layer 2 is coated with a resin layer 3 made of 12-nylon which is free of a filler, and either one of polybutylene-telephthalate, ionomer, ethylene-vinyl acetate, ethylene-ethyl acrylate, and when required, the outside of the resin layer is coated with a nonwoven fabric 4. At the same time, these layers are laminated to an base material of a carpet and molded. After the base material is loaded in a mold, urethane is poured into the mold to foam and adhere to the base material.

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